

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055541.D
 Acq On : 27 Sep 2023 01:56
 Operator : MD/SY
 Sample : 04530-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ07

Quant Time: Sep 27 06:38:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

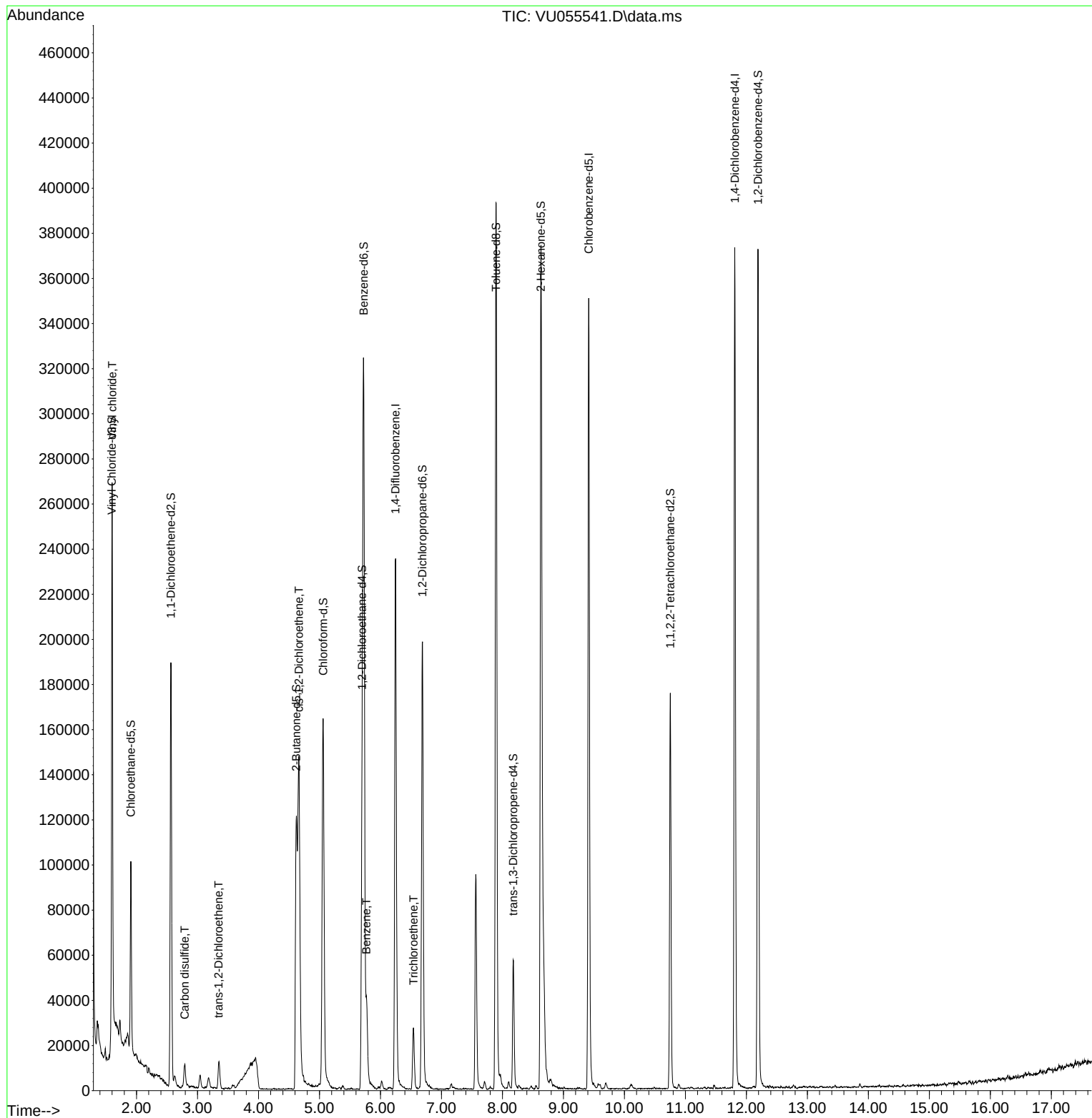
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	201926	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	212040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	106104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82700	4.052	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.000%	
7) Chloroethane-d5	1.907	69	61295	3.408	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	68.200%	
11) 1,1-Dichloroethene-d2	2.563	65	35247	4.196	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.621	46	185566	50.340	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.680%	
24) Chloroform-d	5.062	84	163430	4.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.698	65	85081	4.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.724	84	324985	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.689	67	100956	4.556	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.894	98	281086	4.158	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	8.177	79	35360	4.547	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.631	63	121199	51.238	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.480%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90515	5.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	103549	4.835	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	108105	5.794	ug/L	# 81
14) Carbon disulfide	2.792	76	11558	0.272	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	5576	0.392	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	70448	4.270	ug/L	97
33) Benzene	5.772	78	33991	0.557	ug/L	100
34) Trichloroethene	6.544	95	10097	0.585	ug/L	90

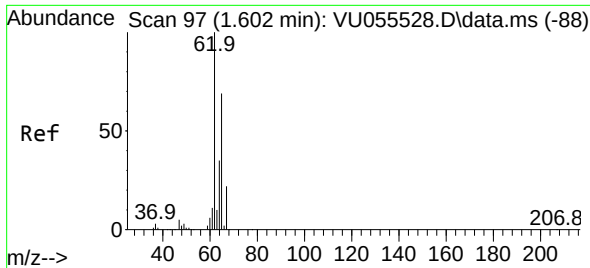
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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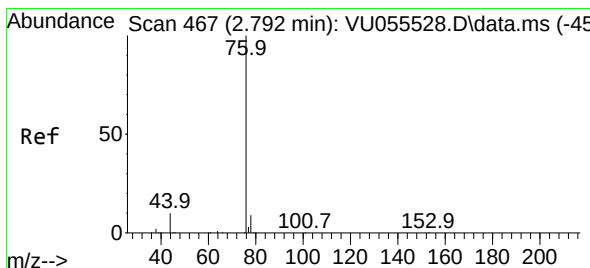
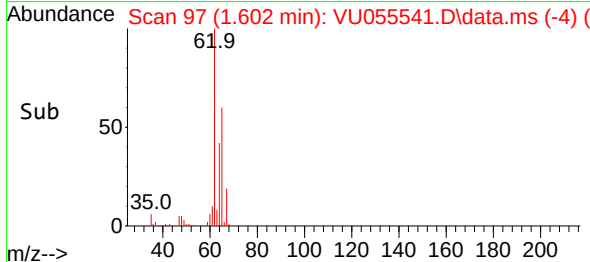
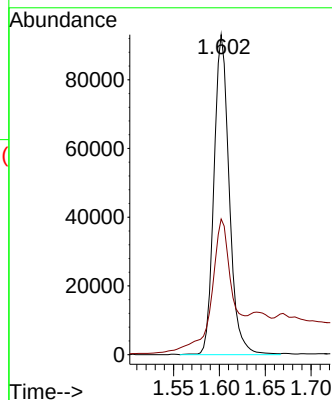
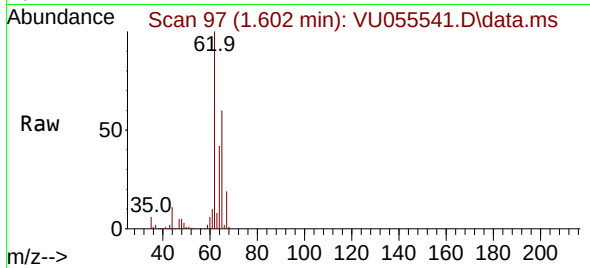




#5
 Vinyl chloride
 Concen: 5.794 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055541.D
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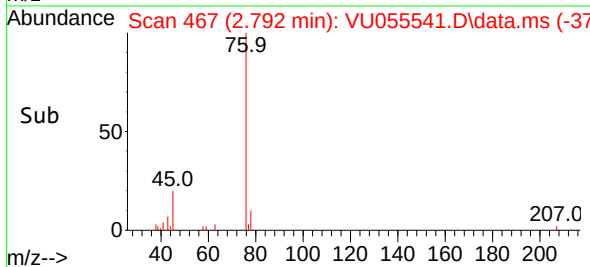
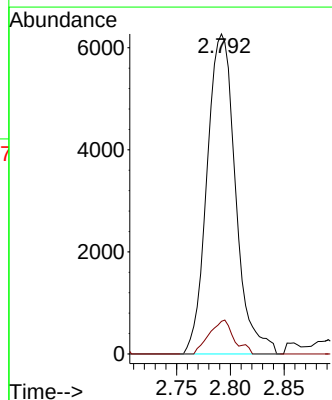
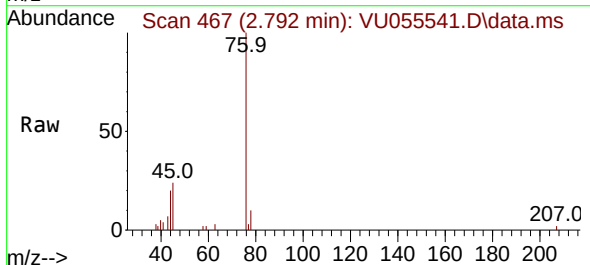
Instrument :
 MSVOA_U
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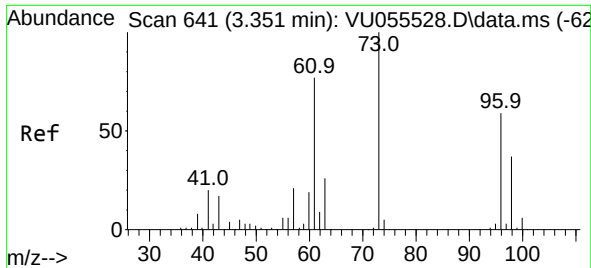
Tgt Ion: 62 Resp: 108105
 Ion Ratio Lower Upper
 62 100
 64 42.4 22.3 41.5#



#14
 Carbon disulfide
 Concen: 0.272 ug/L
 RT: 2.792 min Scan# 467
 Delta R.T. 0.000 min
 Lab File: VU055541.D
 Acq: 27 Sep 2023 01:56

Tgt Ion: 76 Resp: 11558
 Ion Ratio Lower Upper
 76 100
 78 10.2 7.7 11.5

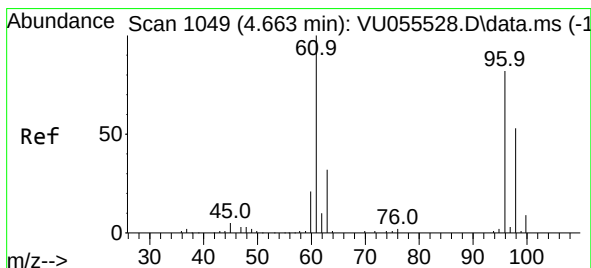
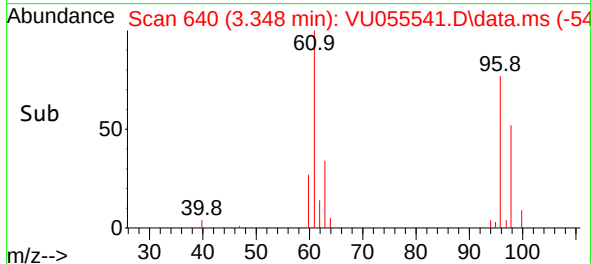
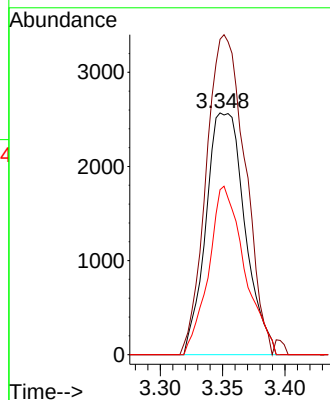
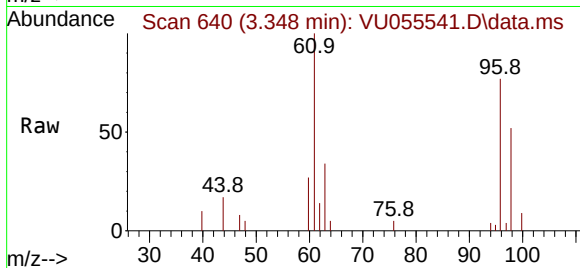




#18
trans-1,2-Dichloroethene
Concen: 0.392 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

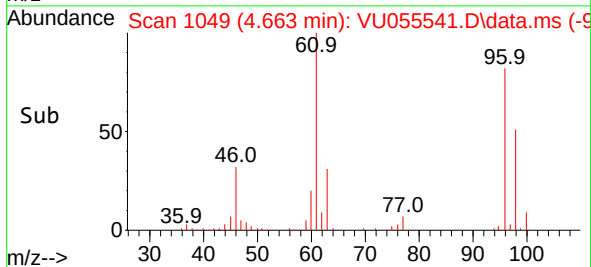
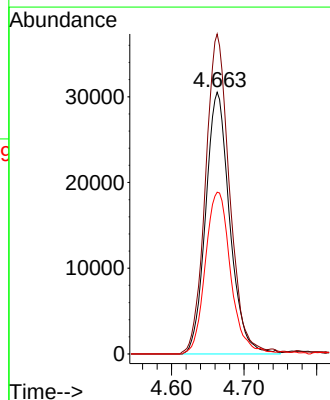
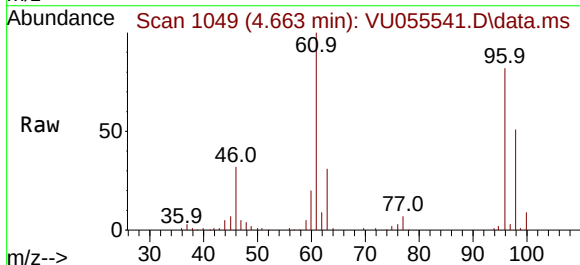
Instrument :
MSVOA_U
ClientSampleId :
EYJ07

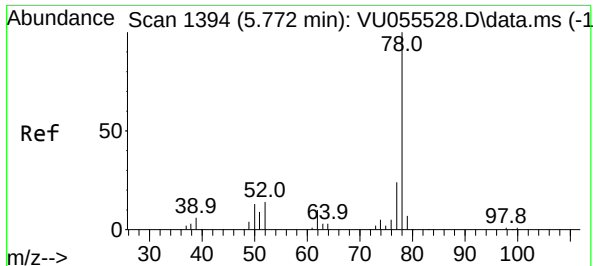
Tgt Ion: 96 Resp: 5576
Ion Ratio Lower Upper
96 100
61 130.5 94.6 175.6
98 68.3 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 4.270 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

Tgt Ion: 96 Resp: 70448
Ion Ratio Lower Upper
96 100
61 122.2 87.8 163.2
98 61.8 44.4 82.4

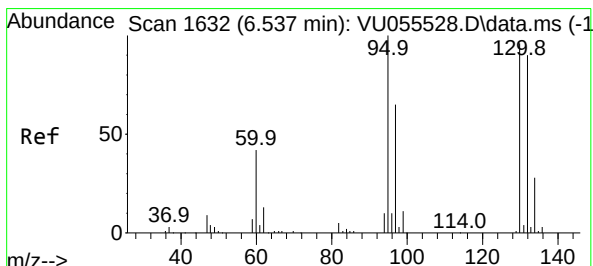
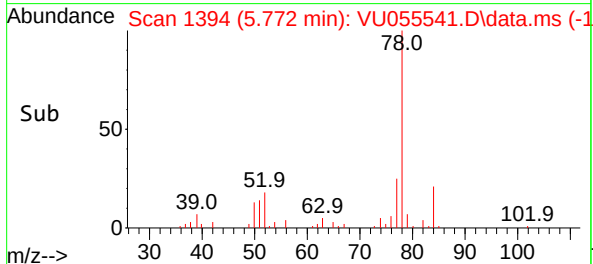
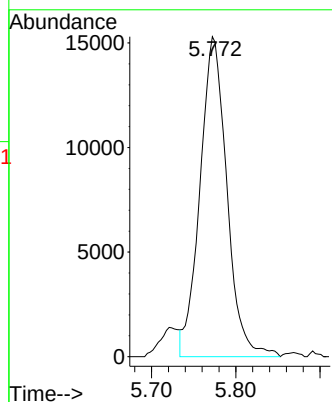
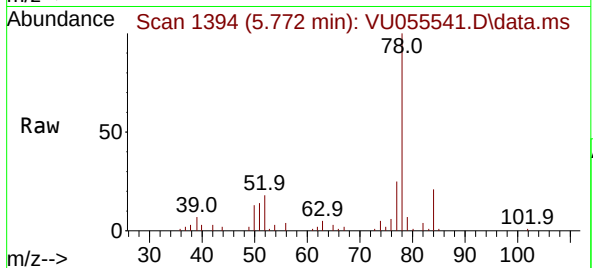




#33
Benzene
Concen: 0.557 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

Instrument :
MSVOA_U
ClientSampleId :
EYJ07

Tgt Ion: 78 Resp: 33991



#34
Trichloroethene
Concen: 0.585 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.006 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

Tgt Ion: 95 Resp: 10097

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.4	84.2
132	79.5	65.2	121.2
130	87.3	69.1	128.3

